

*A1*  
*cont'd*  
a buffer component comprising a sodium salt of at least one of a borate salt or a phosphate salt, and,  
a freezing point depressant.

*A2*  
4. (Amended) The coolant composition of claim 1 wherein the aromatic carboxylic acid or the C<sub>9</sub>-C<sub>12</sub> aliphatic dicarboxylic acid is included in an amount between about 0.5 wt % and about 5 wt %, measured as the free acid and based on the total weight of the coolant composition.

12. (Amended) The composition of claim 11 consisting essentially of, in weight percent:  
between about 0.1 wt % and about 0.5 wt % adipic acid,  
between about 2.0 wt % and about 3.0 wt % of an aliphatic dicarboxylic acid or a salt thereof, said dicarboxylic acid selected from the group consisting of: sebacic acid dodecanedioic acid, and a mixture thereof,  
between about 0.5 wt % and about 2.5 wt % benzoic acid,  
between about 0.1 wt % and about 0.5 wt % nitrite salts,  
between about 0.1 wt % and about 0.5 wt % nitrate salts,  
between about 0.1 wt % and about 0.5 wt % molybdate salts,  
between about 0.1 wt % and about 0.5 wt % of at least one of mercaptobenzothiazole, benzotriazole, or tolyltriazole, and

*A3*  
between about 80 wt % to about 99 wt % of at least one of ethylene glycol or propylene glycol.

13. (Amended) An engine coolant composition comprising:  
an organic acid component, said organic acid component comprising adipic acid and at least one of an aromatic carboxylic acid, and a C<sub>9</sub>-C<sub>12</sub> aliphatic dicarboxylic acid or salts of these acids;

an anticorrosion additive including molybdate, and at least one of mercaptobenzothiazole, benzotriazole, tolyltriazole, nitrite, nitrate, and silicate;

a buffer component comprising at least one of a borate salt or a phosphate salt;

A<sup>3</sup>  
cont'd

and  
hard water.

19. (Amended) A method of reducing the corrosion of metal surfaces in a cooling system having a recirculating liquid coolant comprising hard water, said method comprising:

A<sup>4</sup>  
adding to said liquid coolant, an additive comprising an organic acid component or salt thereof, said acid component comprising a mixture of a C<sub>4</sub>-C<sub>6</sub> dicarboxylic acid and at least one of an aromatic carboxylic acid or a C<sub>9</sub>-C<sub>12</sub> aliphatic dicarboxylic acid; and an anti-corrosion additive including molybdate, and at least compound selected from the group consisting of: mercaptobenzothiazole, benzotriazole, tolyltriazole, nitrite, nitrate, and silicate.

Please add the following new claims

23. (New) The coolant composition of claim 1 wherein the acid component, the anticorrosion component, and the buffer component are dissolved.

24. (New) The coolant composition of claim 1 comprising hard water.

25. (New) A coolant composition comprising, in weight percent:  
between about 0.1 wt % and about 0.5 wt % adipic acid,  
between about 1.0 wt % and about 2.0 wt % sebacic acid,  
between about 0.1 wt % and about 0.5 wt % of at least one of  
mercaptobenzothiazole, benzotriazole, or tolyltriazole,  
between about 30 wt % to about 70 wt % of at least one of ethylene glycol or  
propylene glycol, and  
optionally between about 0.1 wt % and about 0.5 wt % molybdate salts.